Quantitation Report (Qedit)

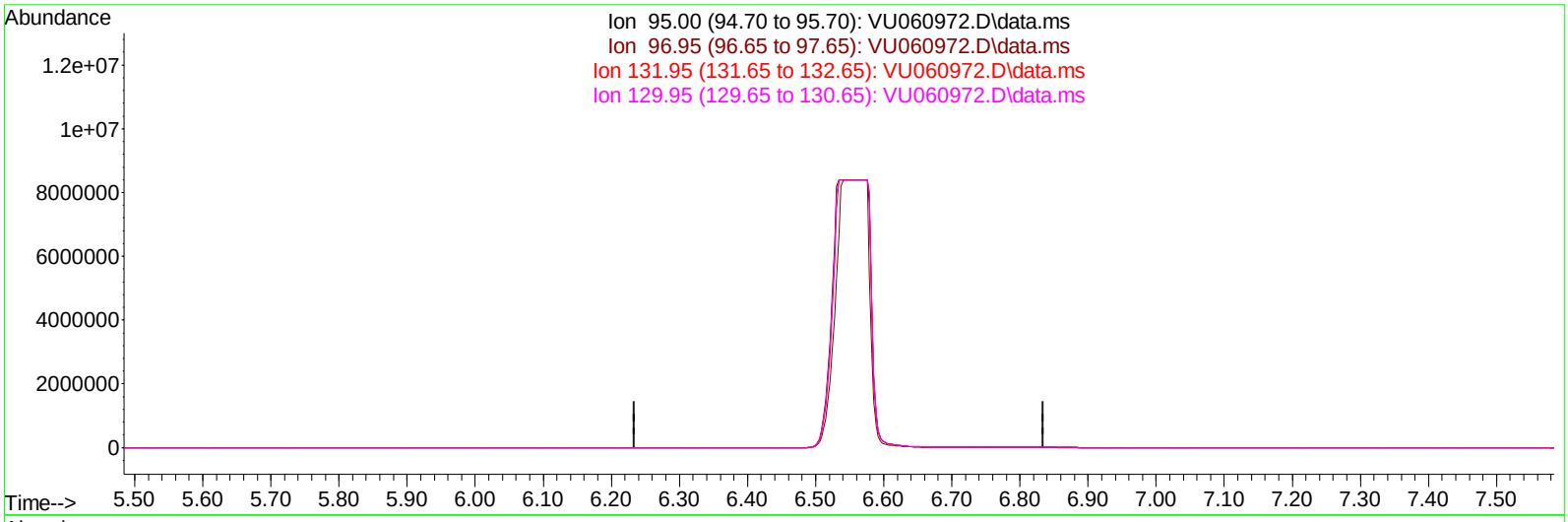
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
Data File : VU060972.D
Acq On : 23 Sep 2024 13:11
Operator : MD/SY
Sample : P4092-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

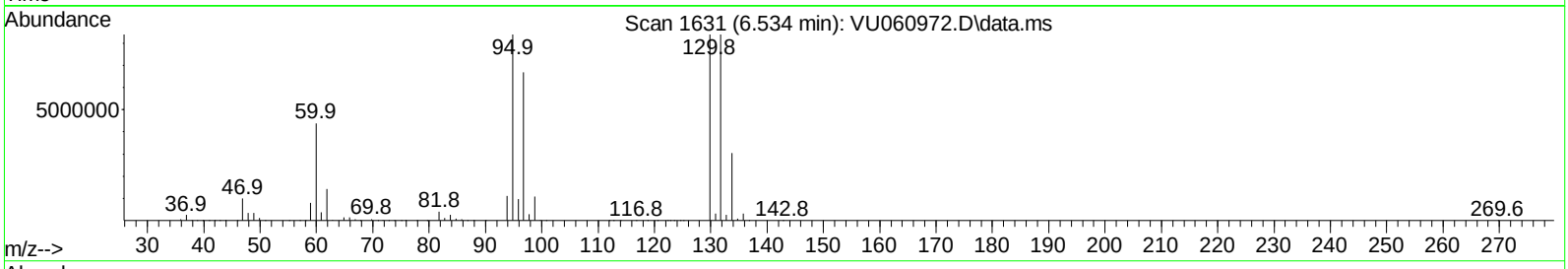
Quant Time: Sep 24 06:09:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 24 06:06:45 2024
Response via : Initial Calibration

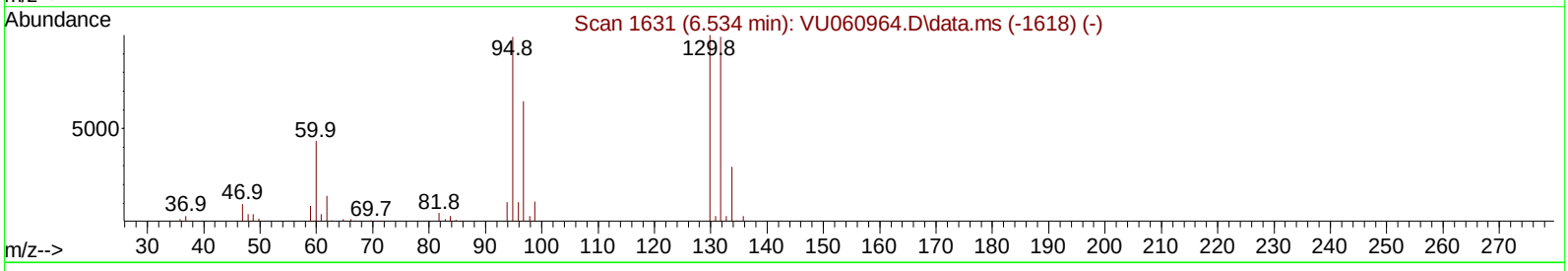
Instrument :
MSVOA_U
ClientSampleId :
C0B17

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
Supervised By :Semsettin Yesilyurt 09/25/2024







TIC: VU060972.D\data.ms

(34) Trichloroethene (T)

6.534min (-6.534) 0.00 ug/L

response 0

Ion	Exp%	Act%
95.00	100.00	0.00
96.95	64.20	0.00#
131.95	90.70	0.00#
129.95	100.30	0.00#

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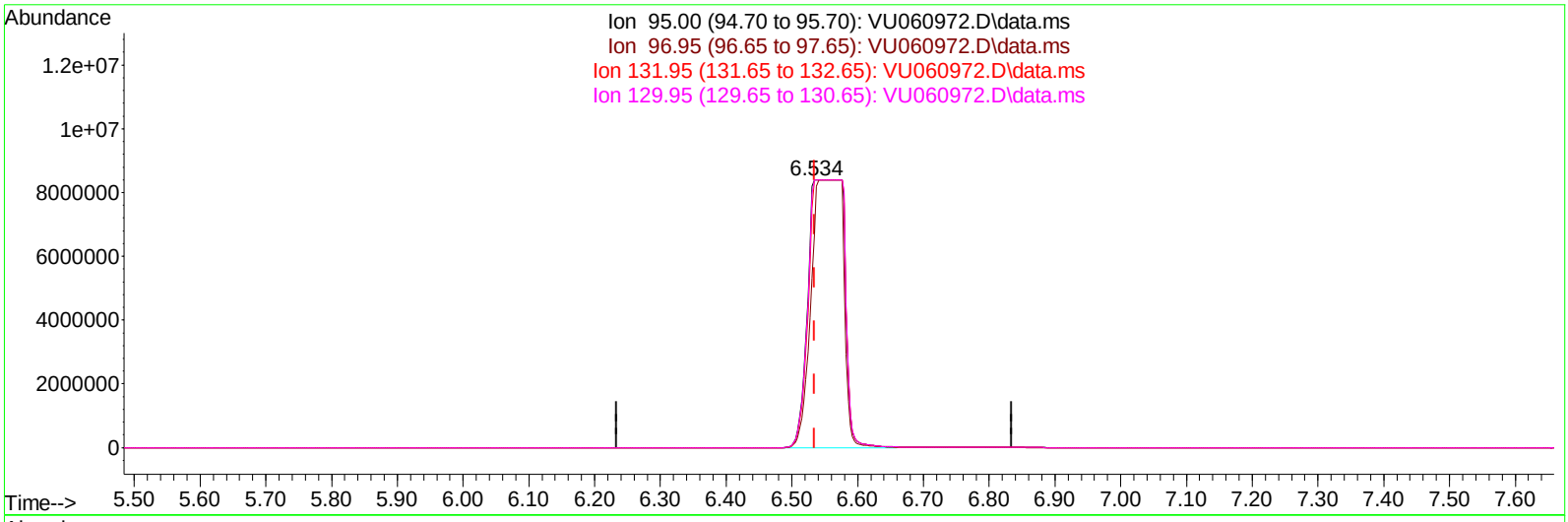

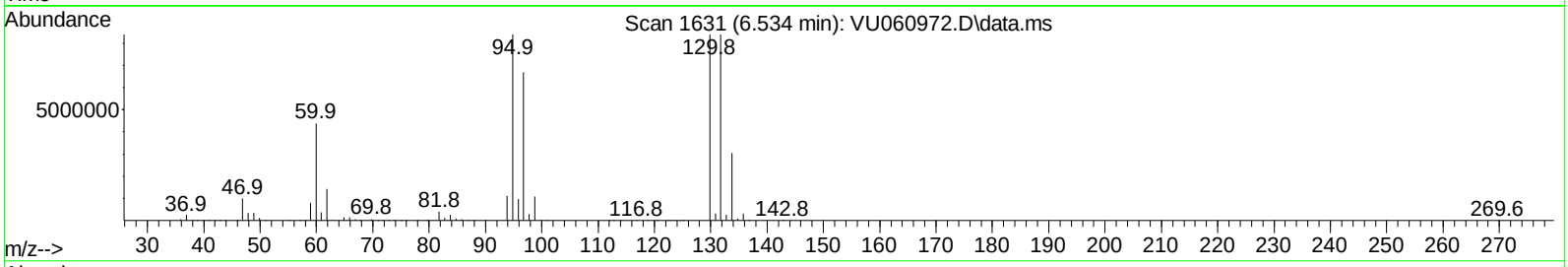

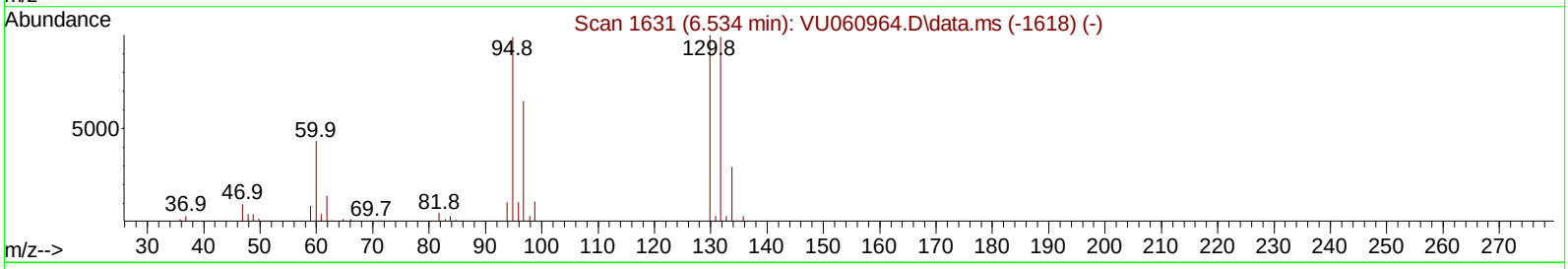

TIC: VU060972.D\data.ms

(34) Trichloroethene (T)

6.534min (-0.000) 2930.55 ug/L m

response 31482740

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	64.20	79.70
131.95	90.70	100.00
129.95	100.30	100.00

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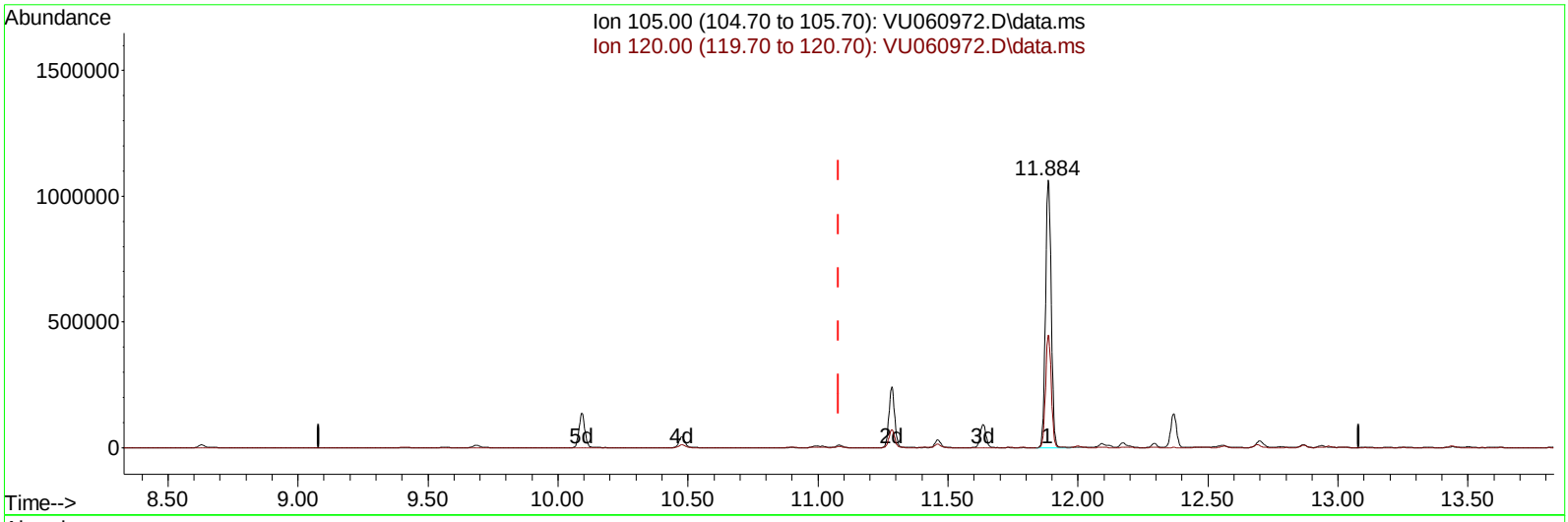

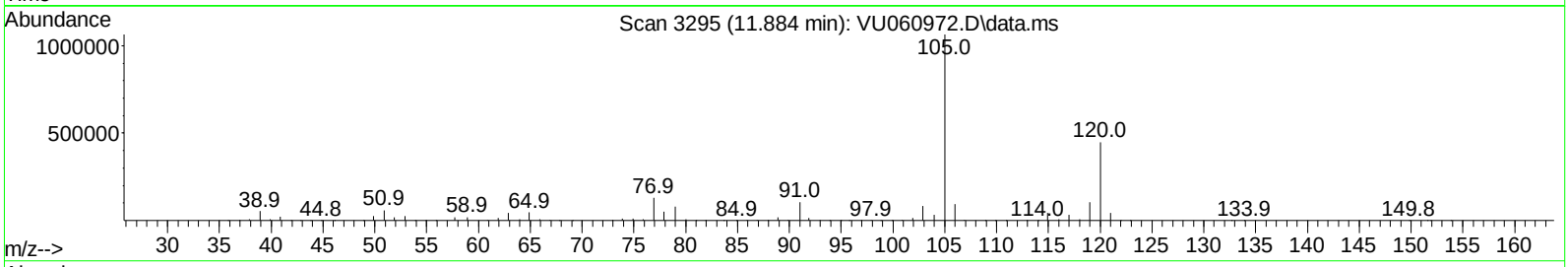

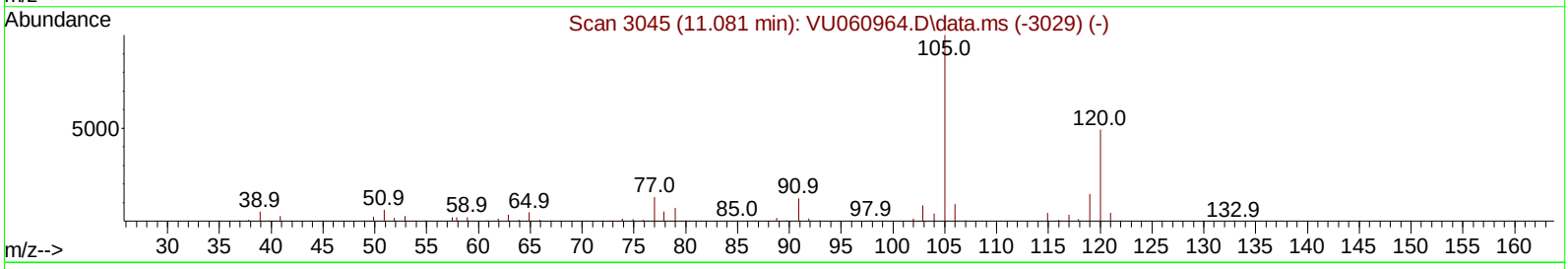

TIC: VU060972.D\data.ms

(62) 1,3,5-Trimethylbenzene

11.884min (+ 0.804) 44.81 ug/L

response 1621239

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	48.10	42.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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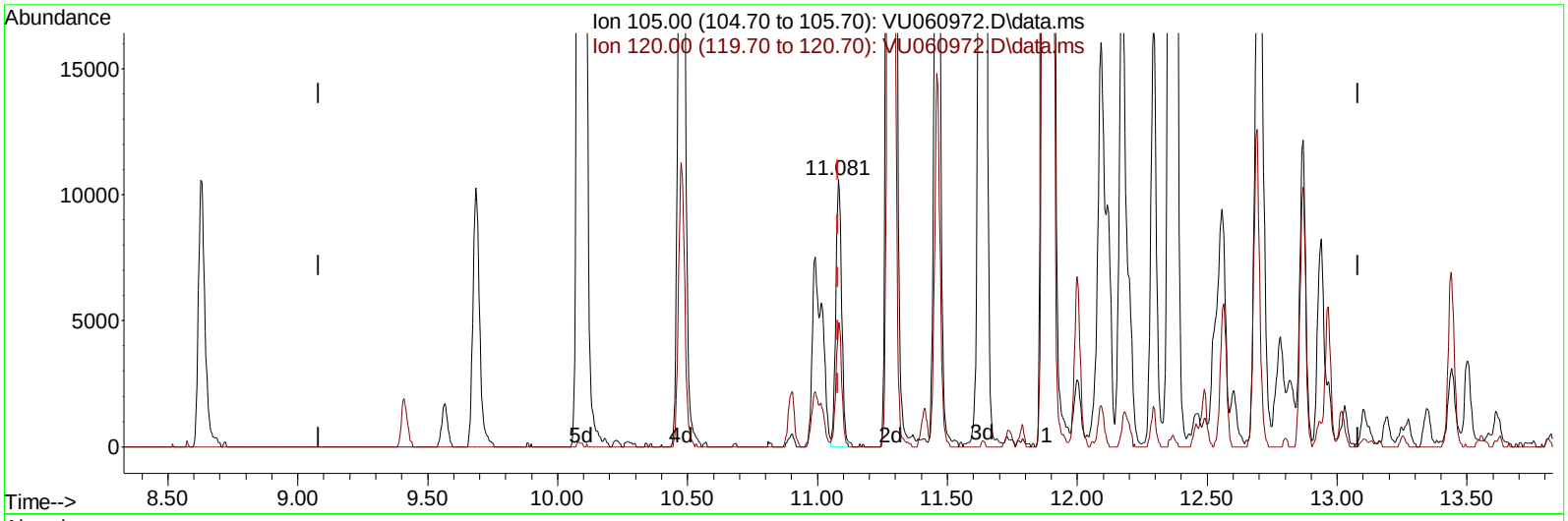

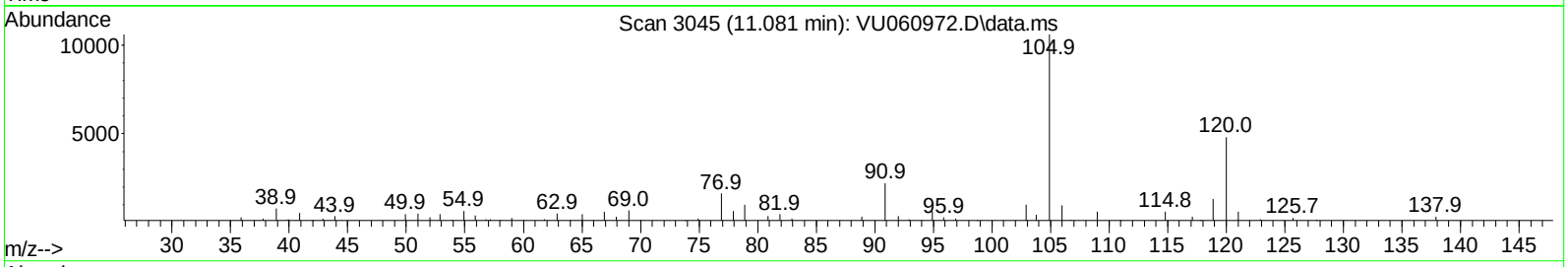

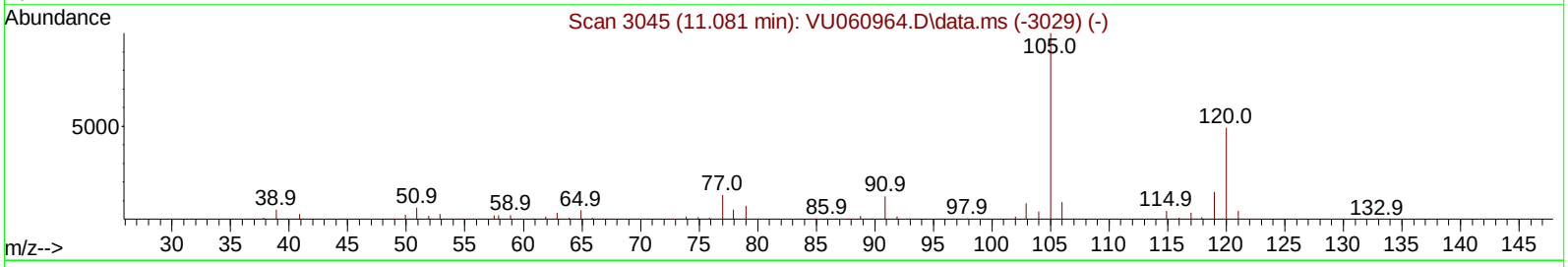

TIC: VU060972.D\data.ms

(62) 1,3,5-Trimethylbenzene

11.081min (-0.000) 0.46 ug/L m

response 16576

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	48.10	4133.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
MSVOA_U
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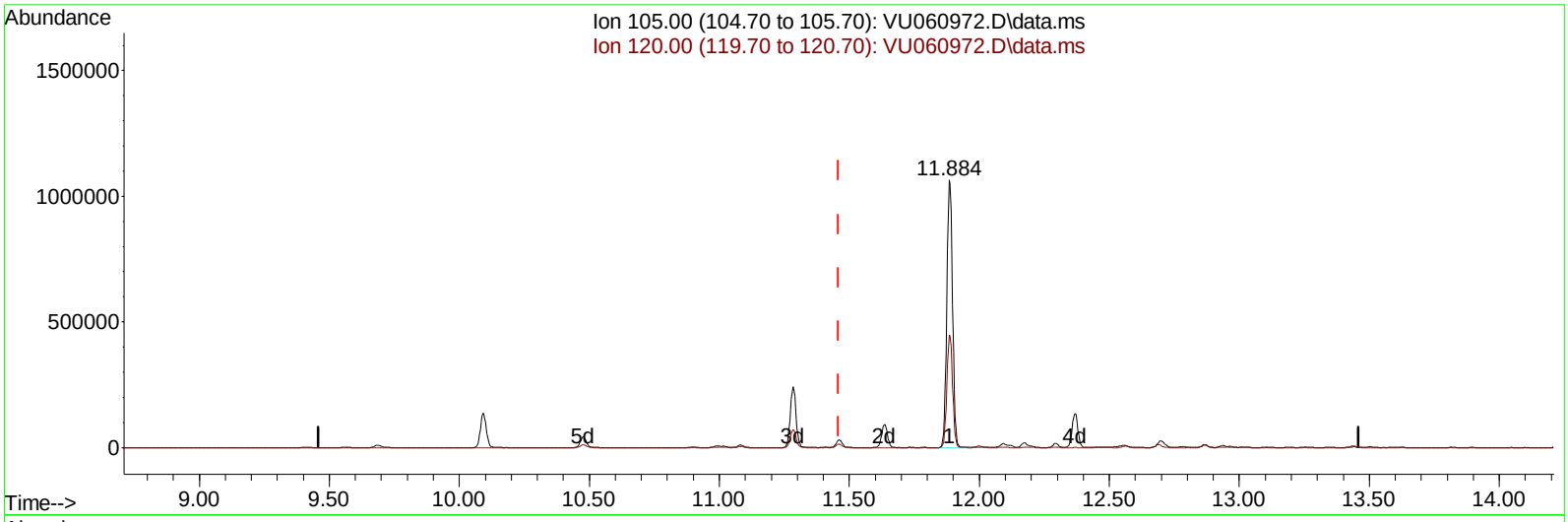

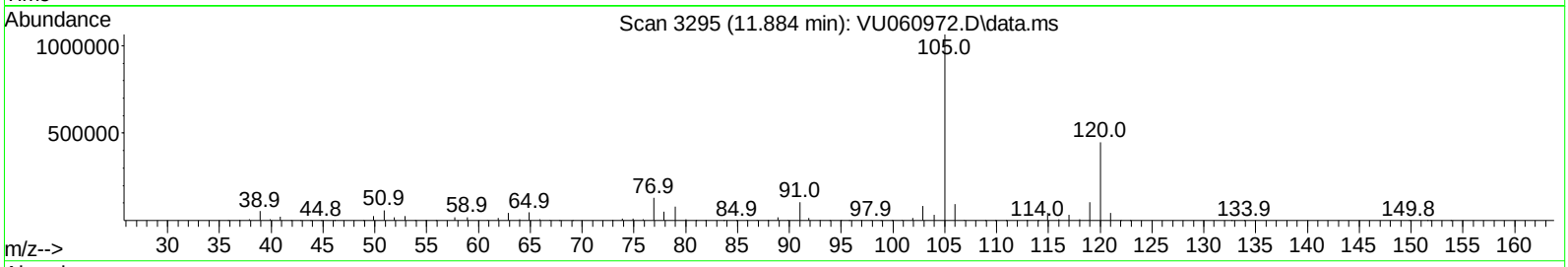

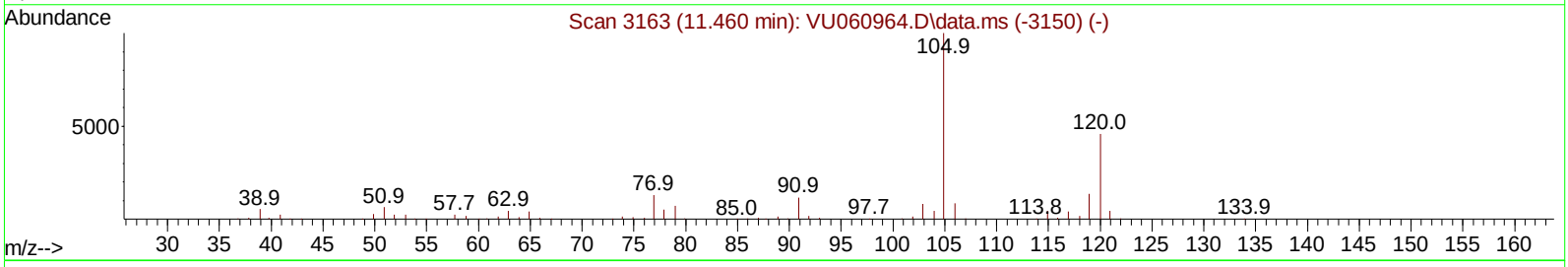

TIC: VU060972.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.884min (+ 0.424) 45.35 ug/L

response 1621239

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	45.10	42.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
Data File : VU060972.D
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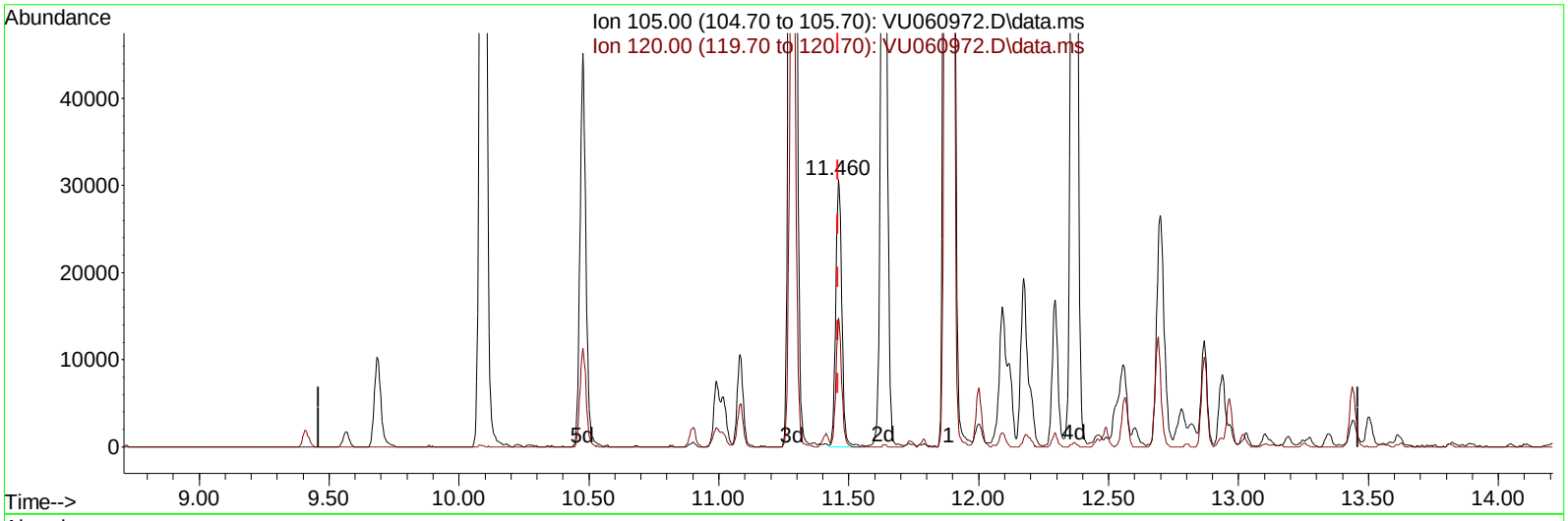

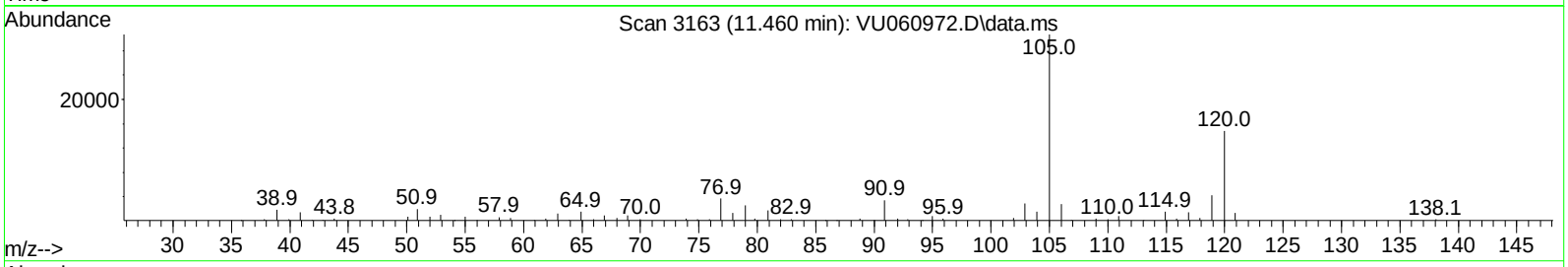

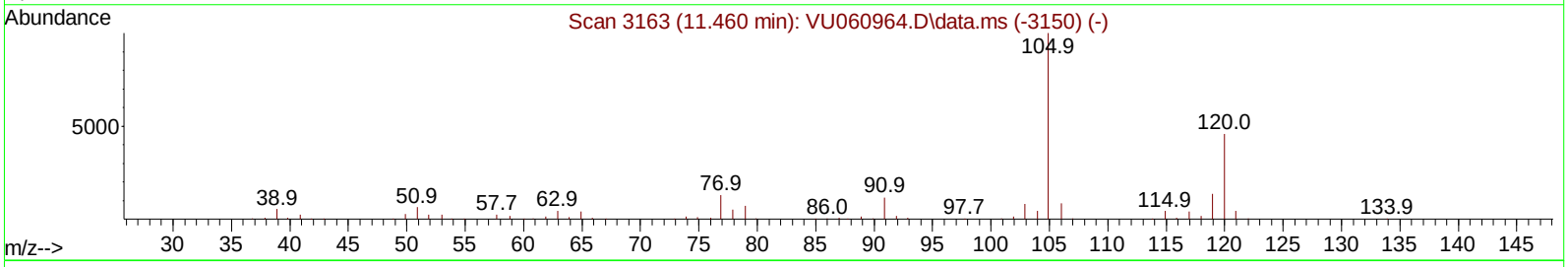

TIC: VU060972.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.460min (-0.000) 1.39 ug/L m

response 49782

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	45.10	1376.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	142132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55693	4.357	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.200%			
7) Chloroethane-d5	1.910	69	43082	4.733	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.560	65	19656	4.338	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.800%			
20) 2-Butanone-d5	4.637	46	112002	54.575	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.140%			
24) Chloroform-d	5.055	84	94227	4.822	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.695	65	42490	4.549	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
32) Benzene-d6	5.721	84	176397	4.416	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.688	67	60978	4.934	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.891	98	159805	4.388	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.174	79	21854	4.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.627	63	99105	56.472	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.940%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46652	4.818	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	63695	4.826	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	305612	24.915	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	125417	12.810	ug/L	99
12) 1,1-Dichloroethene	2.576	96	265168	29.659	ug/L #	70
16) Methylene chloride	3.039	84	600456	57.995	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	13985	0.692	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	10616	1.146	ug/L	95
19) 1,1-Dichloroethane	3.859	63	57812	3.108	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	5590334	545.231	ug/L	98
25) Chloroform	5.078	83	138867	7.160	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	27809	1.728	ug/L	98
31) Carbon tetrachloride	5.518	117	6978	0.490	ug/L	92
33) Benzene	5.769	78	20824	0.508	ug/L	100
34) Trichloroethene	6.534	95	31482740m	2930.554	ug/L	
42) Toluene	7.965	91	47852	1.117	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	8963	1.099	ug/L	97
47) Tetrachloroethene	8.547	164	1371323	160.627	ug/L	99
51) Chlorobenzene	9.441	112	7327	0.255	ug/L	90
52) Ethylbenzene	9.563	91	48502	1.075	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-Xylene	9.685	106	35369	2.068	ug/L		94
54) o-Xylene	10.093	106	496161	29.396	ug/L		96
60) Isopropylbenzene	10.476	105	71597	1.538	ug/L	#	67
62) 1,3,5-Trimethylbenzene	11.081	105	16576m	0.458	ug/L		
63) 1,2,4-Trimethylbenzene	11.460	105	49782m	1.393	ug/L		
65) 1,4-Dichlorobenzene	11.830	146	17947	0.742	ug/L		97
67) 1,2-Dichlorobenzene	12.203	146	196823	8.893	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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